Record Nr. UNINA9910455807303321 Genetics, evolution, and biological control [[electronic resource] /] / **Titolo** edited by L.E. Ehler, R. Sforza, and T. Mateille Wallingford, Oxon;; Cambridge, MA,: CABI Pub., 2004 Pubbl/distr/stampa **ISBN** 1-280-86641-1 9786610866410 0-85199-867-4 Descrizione fisica 1 online resource (274 p.) Altri autori (Persone) EhlerLester E MateilleT (Thierry) SforzaR (Rene) 632/.96 Disciplina Soggetti Biological pest control agents Pests - Biological control Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Papers from a International Organization for Biological Control symposium held in Montpellier, France, 2002. Includes bibliographical references and index. Nota di bibliografia Nota di contenuto Contents; Contributors; Preface; 1 Genetic Structure of Natural Plant and Pathogen Populations: 2 Measuring Genetic Variation in Natural Enemies Used for Biological Control: Why and How?; 3 Molecular Systematics, Chalcidoidea and Biological Control; 4 Genetic Markers in Rust Fungi and their Application to Weed Biocontrol; 5 Tracing the Origin of Pests and Natural Enemies: Genetic and Statistical Approaches; 6 Tracing the Origin of Cryptic Insect Pests and Vectors, and their Natural Enemies 7 Predicting Evolutionary Change in Invasive, Exotic Plants and its Consequences for Plant-Herbivore Interactions8 Experimental Evolution in Host-Parasitoid Interactions; 9 Interactions Between Natural Enemies and Transgenic Insecticidal Crops; 10 The GMO Guidelines Project: Development of International Scientific Environmental Biosafety Testing Guidelines for Transgenic Plants; 11 Genetic Manipulation of Natural

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This volume has been developed from the keynote addresses delivered at the third IOBC International Symposium (co-organized with CILBA) that was held in Montpellier in October 2002, to address developments in genetics and evolutionary biology, and their relevance to biological control.